

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
JUNE, 1979

In June, 1979, the Unit Cycle I-II refueling outage continued to perform inspection and repair of anchor bolts.

The following significant safety-related maintenance was performed in May:

1. Repaired 1C Diesel Jacket Water Heating Pump.
2. Replaced concentrates pump on the Waste Evaporator.
3. Completed sealing all environmentally qualified limit switches on Containment Isolation Valves.
4. Replaced lightning arrestor on 1A Startup Transformer.
5. Continued work on repair of 1C Charging Pump.
6. Located source of water leakage into the Rocker Arm Lube Oil System on 1B Diesel Generator. Will repair when parts are received.
7. Repaired A and B Instrument Air Dryers.
8. Repacked No. 10 River Water and D Service Water Pumps.
9. Closed Containment Equipment Hatch and conducted Local Leak Rate Test.
10. Repaired Air Start Valve on 1-2A Diesel Generator.
11. Continued work on snubber testing and inspections.

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OPERATING DATA REPORT

DOCKET NO. 50-348
 DATE 7/1/79
 COMPLETED BY W. G. Hairston, III
 TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: June, 1979
3. Licensed Thermal Power (MWT): 2652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 860*
7. Maximum Dependable Capacity (Net MWe): 829*
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

Notes: 1/ Cumulative data since 12/1/77, date of commercial operation.

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4343</u>	<u>13847</u>
12. Number Of Hours Reactor Was Critical	<u>-0-</u>	<u>1533.7</u>	<u>9777.5</u>
13. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>72.4</u>	<u>1079.9</u>
14. Hours Generator On-Line	<u>-0-</u>	<u>1510.8</u>	<u>9596.5</u>
15. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
16. Gross Thermal Energy Generated (MWH)	<u>-0-</u>	<u>3,556,347.8</u>	<u>24,379,595.8</u>
17. Gross Electrical Energy Generated (MWH)	<u>-0-</u>	<u>1,137,794</u>	<u>7,811,992</u>
18. Net Electrical Energy Generated (MWH)	<u>-0-</u>	<u>1,074,286</u>	<u>7,390,112</u>
19. Unit Service Factor	<u>-0-</u>	<u>34.8</u>	<u>69.3</u>
20. Unit Availability Factor	<u>-0-</u>	<u>34.8</u>	<u>69.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>-0-</u>	<u>29.8</u>	<u>64.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>-0-</u>	<u>29.8</u>	<u>64.4</u>
23. Unit Forced Outage Rate	<u>-0-</u>	<u>5.9</u>	<u>7.6</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>Refueling Outage and anchor bolt testing in progress.</u>		

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 8/6/79

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>8/6/77</u>	<u>8/9/77</u>
INITIAL ELECTRICITY	<u>8/20/77</u>	<u>8/18/77</u>
COMMERCIAL OPERATION	<u>12/1/77</u>	<u>12/1/77</u>

* The Nameplate Rating/Design Electrical Rating will be used for the Maximum Dependable capacity until an accurate value can be determined from operating experience.

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-348

UNIT 1

DATE 7/1/79

COMPLETED BY W. G. Hairston, III

TELEPHONE (205)899-5156

MONTH June

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>-0-</u>
2	<u>-0-</u>
3	<u>-0-</u>
4	<u>-0-</u>
5	<u>-0-</u>
6	<u>-0-</u>
7	<u>-0-</u>
8	<u>-0-</u>
9	<u>-0-</u>
10	<u>-0-</u>
11	<u>-0-</u>
12	<u>-0-</u>
13	<u>-0-</u>
14	<u>-0-</u>
15	<u>-0-</u>
16	<u>-0-</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>-0-</u>
18	<u>-0-</u>
19	<u>-0-</u>
20	<u>-0-</u>
21	<u>-0-</u>
22	<u>-0-</u>
23	<u>-0-</u>
24	<u>-0-</u>
25	<u>-0-</u>
26	<u>-0-</u>
27	<u>-0-</u>
28	<u>-0-</u>
29	<u>-0-</u>
30	<u>-0-</u>
31	<u>-0-</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

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347 106

UNIT SHUTDOWNS AND POWER REDUCTIONS

50-348
 J.M. Farley-Unit 1
 7/11/79
 W. G. Hairston, III
 (205) 899-5156

REPORT MONTH June

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
020	790601	S	720	C	1	N/A	RC	ZZZZZZ	Continuation from May 31, 1979. Refueling Outage in progress. Testing anchor bolts is delaying Unit startup.

1 F: Forced
S: Scheduled

Reason:

- A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3

Method:

- 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Other (Explain)

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Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for License
 Event Report (LEF) File (NUREG-
 0161)

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Exhibit I - Error Source

(9/77)